

LAW OFFICES

**PAUL B. CHRISTENSEN**  
A PROFESSIONAL ASSOCIATION

**DOCKET FILE COPY ORIGINAL**

PAUL B. CHRISTENSEN, JD. MBA, BSEE, BSCS  
E-MAIL: ATTORNEY@QROADCASr.NET

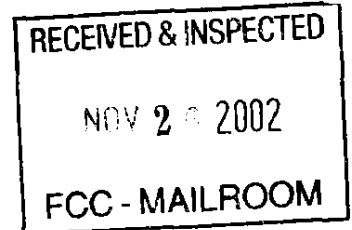
3749 SOUTHERN HILLS DRIVE  
JACKSONVILLE, FLORIDA 32225

TELEPHONE  
(904) 379-7802

FACSIMILE  
(904) 3747803

November 19, 2002

Ms. Marlene H. Dortch, Secretary  
Federal Communications Commission  
Office of the Secretary  
445 12th Street, SW  
Washington, DC 20554



**RE: PETITION FOR RULE MAKING**


Dear Secretary Dortch:

On behalf of the petitioner, Paul B. Christensen, and pursuant to 47 C.F.R. 1.401, this firm respectfully submits eight separate Petitions for Rule Making to amend Section 73.202(b) of the Commission's Rules. The original Petitions to amend the FM Table of Allotments for the following communities, together with four petition copies are attached hereto:

Cross City, Florida	Channel 249C3
Islamorada, Florida	Channel 283C2
Key Largo, Florida	Channel 237C3
Key West, Florida	Channel 285C1
Knoxville, Illinois	Channel 291 A
Midland, Michigan	Channel 298A
Nantucket, Massachusetts	Channel 249A
Sparta, Wisconsin	Channel 223A

Supporting technical exhibits accompany each petition and are attached hereto. Questions or comments concerning these Petitions should be directed to the above-referenced law office.

Respectfully submitted,

  
Paul B. Christensen, Esq.

enclosure

PC/mv

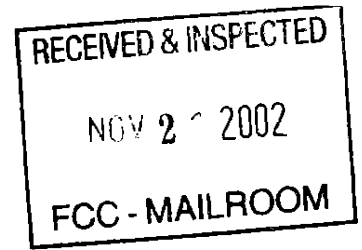
Handwritten notes and stamps:  
- "014" at the top right.  
- "MB" in the middle.  
- "02-288" at the bottom.  
- A date stamp "NOV 20 2002" is partially visible.

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of                    )  
  )  
Amendment of §73.202(b),        )  
Table of Allotments,            )  
FM Broadcast Stations.         )  
(Key Largo, Florida)            )

MB Docket No. \_\_\_\_\_

To:   Assistant Chief, Audio Division  
      Media Bureau



**PETITION FOR RULE MAKING**

Pursuant to 47 C.F.R. 1.401, Paul B. Christensen (hereinafter "Petitioner") respectfully petitions the Federal Communications Commission to institute a Rule Making proceeding to amend the FM Table of Allotments to add Channel Number 237, Class C3 at Key Largo, Florida.

**Proposal by Petitioner:**

<u>City</u>	<u>Present</u>	<u>Channel Numbers</u> <u>Proposed</u>
Key Largo, Florida	292C2	237C3, 292C2

**DISCUSSION**

Petitioner respectfully submits that the public interest would be served by allocating Channel 23763 to Key Largo, Florida, **as** that community's second local aural FM transmission service. Key Largo, Florida **is** located in Monroe County and **has** a population of 11,886.<sup>1</sup>

The Community of Key Largo supports its own city government, police department, fire department, **post** office, public schools, local churches, a daily newspaper, and a full range of local businesses.

Attached hereto and made part of this petition is a Technical Exhibit in support of the requested allotment. Based on the information contained therein, it appears that the

<sup>1</sup> Census 2000, **United States Department** of Commerce, U.S. Census **Bureau**

requested channel could be allotted to Key Largo, Florida in full compliance with the minimum distance separation requirements of §73.207(b) of the Commission's rules, subject to the site restriction as specified in the attached Technical Exhibit.'

Reference Coordinates are:

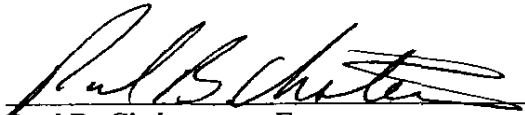
25-05-50 North Latitude (NLAT)  
80-26-07 West Longitude (WLONG)

Should this petition be granted, and Channel 237C3 be allotted to Key Largo, Florida, Petitioner will apply for Channel 237C3 and after it is authorized, will promptly construct the new facility.

In accordance with Section 1.52 of the Commission's Rules and Regulations, I hereby certify that I have examined the foregoing Petition for Rule Making and the attached Technical Exhibit, and **that** both are true **and** correct to the best of my knowledge and belief.

WHEREFORE, it is respectfully requested that the instant petition be granted and that the FM Table of Allotments, §73.202(b) be amended as requested herein.

Respectfully submitted,



**Paul B. Christensen, Esq.**

LAW OFFICES of 'PAUL B. CHRISTENSEN. P.A.  
3749 Southern Hills Drive  
Jacksonville, Florida 32225  
Office: (904) 379-7802  
Facsimile: (904) 379-7803  
attorney@broadcast.net

November 19, 2002

---

<sup>2</sup> See revision of FM Assignment Policies and Procedures, 90 FCC 2d 88 (1992)

## **TECHNICAL EXHIBIT**

IN SUPPORT OF  
PETITION FOR RULE MAKING  
NEW FM – CHANNEL 237C3  
KEY LARGO, FLORIDA

PAUL B. CHRISTENSEN  
PETITIONER

### **INTRODUCTION**

This Technical Exhibit supports the petition by Paul B. Chnstensen (hereinafter “Petitioner”), who seeks to amend the FM Table of Allotments, §73.202(b) of the Federal Communications Commission’s Rules, by allocating FM Channel 237C3 to Key Largo, Florida as that community’s second local FM aural service.

### **ALLOCATION**

A comprehensive engineering study was performed, utilizing the current FCC/NTIS database to determine the feasibility of allocating FM Channel 237C3 to Key Largo, Florida, subject to the §73.207(b) minimum distance requirements of the Commission’s Rules. The study incorporates all applicable co-channel, adjacent-channel, and intermediate-frequency separations. The results of the study indicate that FM Channel 237C3 may be allocated to Key Largo in full compliance with §73.207(b), provided that the transmission site is located between approximately three (3) kilometers to the northeast of the city’s geographical center and approximately nine (9) kilometers to the southwest of city’s geographical center.

Attached hereto as Exhibit A is an “area-to-locate” study for FM Channel 237C3. The Exhibit depicts the required protection contours from all relevant co-channel, adjacent channel, and intermediate-frequency-limited stations and allocations. As indicated, area exists immediately to the northeast and southwest of the community’s geographical center in which the proposed facilities may be located.

Assuming a maximum effective radiated power of twenty-five (25) Kilowatts and the installation of an omni-directional antenna placed at one-hundred (100) meters above average terrain, the proposed transmission facilities could be located within or immediately near the community while maintaining the requisite city-grade (70 dBu) coverage contour over the entire city, in full compliance with §73.315(a) and (b). Attached hereto and presented as Exhibit B is a graphical representation of a city-grade service contour from the Petitioner’s geographical reference coordinates, located within the permissible area-to-locate geographical area.

### **CONCLUSION**

As demonstrated herein, the proposed amendment to the FM Table of Allotments can be achieved in compliance with §73.207(b), and §73.315(a) and (b) and will not create a short-spacing condition to any existing station, pending application, or vacant allotment; nor will the amendment result in the reallocation of any station, pending application or vacant allotment.

# EXHIBIT A

## 73.207 Analysis

Job: KeyLargo.fmj

Masler Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1:500000

Channel: 237 Class: C3

Status: Licensed, Construction **Permit**, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km, Clearance: -0.5km

Comments: No Comments

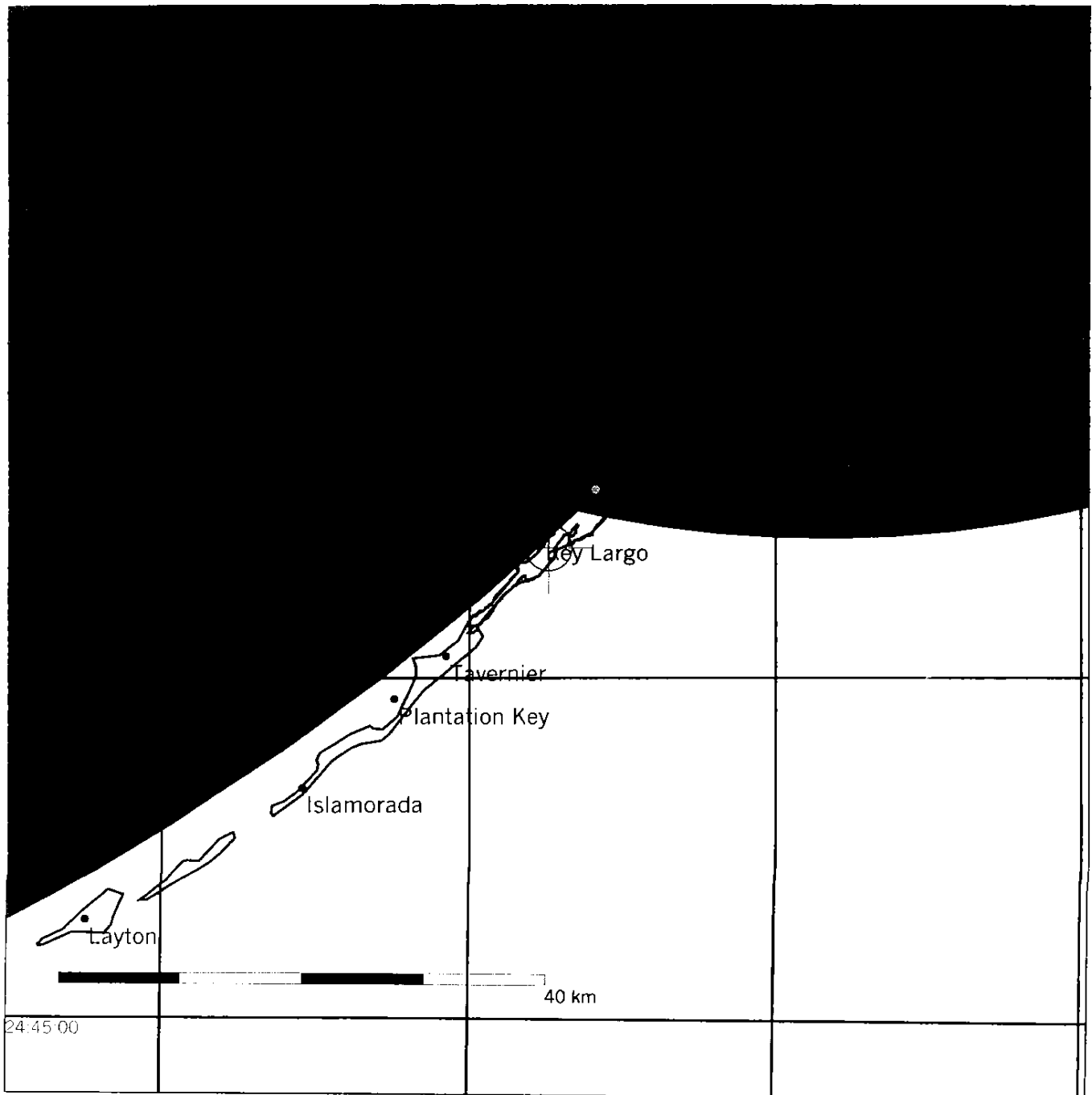
Description:

Date: 11/18/02 1:39:23 PM

Key:

Short

Key Largo



# EXHIBIT B

## Contour Analysis

Job: KeyLargo.fmj

Master Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1:1000000

Channel: 237 Class: C3

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km, Clearance: -0.5km

Comments: No Comments

Description:

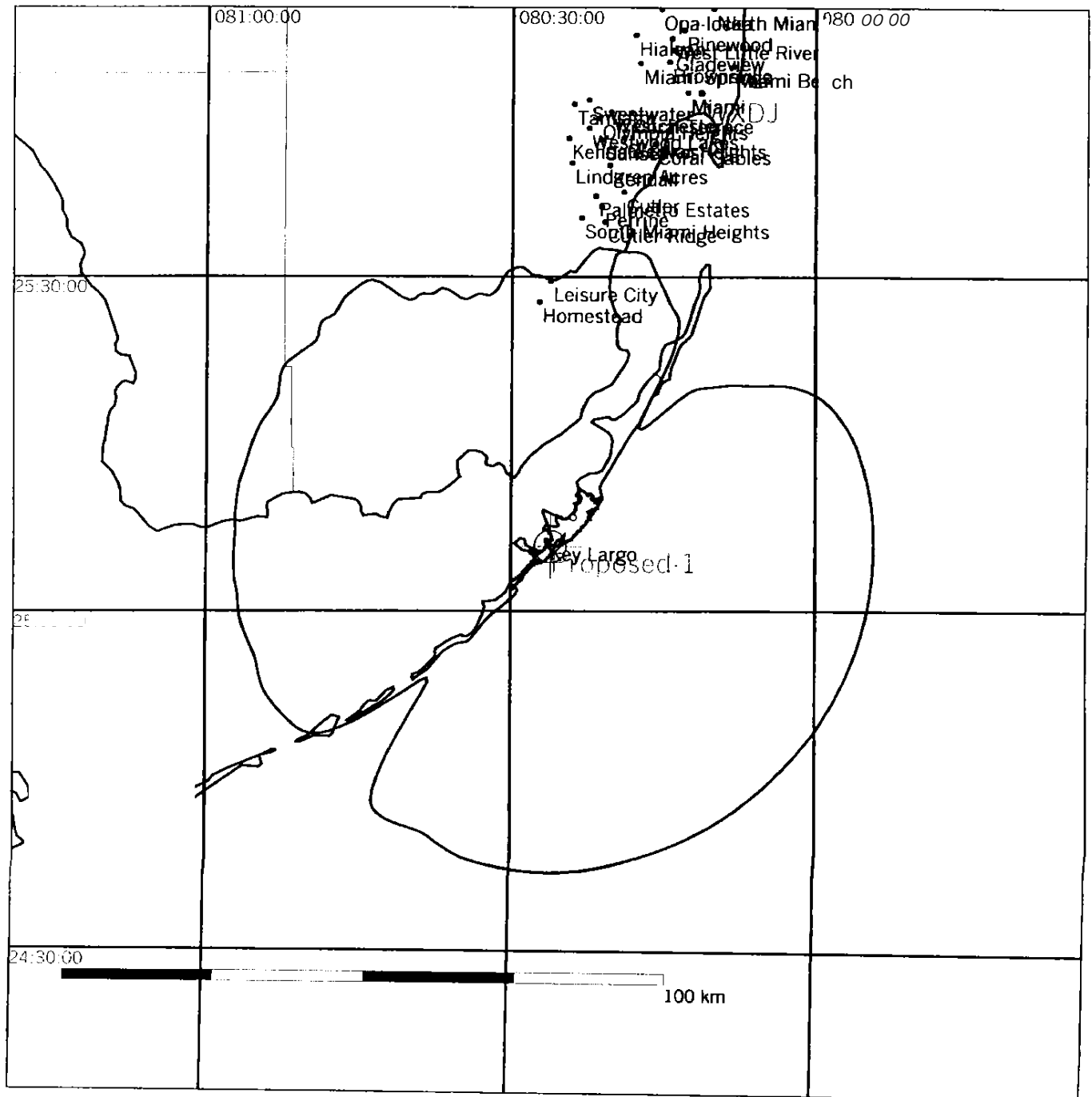
Date: 11/18/02 1:39:37 PM

Key:

Service

Protected

2nd/3rd Adj



**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of                    )  
  )  
Amendment of §73.202(b),        )  
Table of Allotments,            )  
FM Broadcast Stations.          )  
(Key Largo, Florida)            )

MB Docket No. \_\_\_\_\_

To:     Assistant Chief, Audio Division  
          Media Bureau

**PETITION FOR RULE MAKING**

Pursuant to 47 C.F.R. 1.401, Paul B. Christensen (hereinafter "Petitioner") respectfully petitions the Federal Communications Commission to institute a **Rule Making** proceeding to amend the FM Table of Allotments to add Channel Number 237, Class C3 at Key Largo, Florida.

**Proposal by Petitioner:**

<u>City</u>	<u>Channel Numbers</u>	
	Present	<u>Proposed</u>
Key Largo, Florida	292C2	237C3, 292C2

**DISCUSSION**

Petitioner respectfully submits that the public interest would be served by allocating Channel 237C3 to Key Largo, Florida, **as** that community's second local aural FM transmission service. Key Largo, Florida is located in Monroe County and has a population of 11,886.<sup>1</sup>

The Community of Key Largo **supports** its own city government, police department, fire department, **post** office, public **schools**, **local** churches, a daily newspaper, and a **full** range of local businesses.

Attached hereto and made part of this petition is a Technical Exhibit in **support** of the requested allotment. Based on the information contained therein, it appears that the

<sup>1</sup> Census 2000, United States Department of Commerce, U.S. Census Bureau



requested channel could be allotted to Key **Largo**, Florida in full compliance with the minimum distance separation requirements of §73.207(b) of the Commission's rules, subject to the site restriction as specified in the attached Technical Exhibit.<sup>2</sup>

Reference Coordinates are:

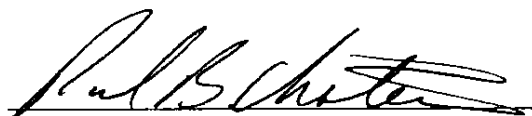
25-05-50 North Latitude      (NLAT)  
80-26-07 West Longitude      (WLONG)

Should this petition be granted, and Channel 237C3 be allotted to Key Largo, Florida, Petitioner will apply for Channel 237C3 and after it is authorized, will promptly construct the new facility.

In accordance with Section 1.52 of the Commission's Rules and Regulations, I hereby certify that I have examined the foregoing Petition **for** Rule Making and the attached Technical Exhibit, and that both are true and correct to the best of my knowledge and belief.

WHEREFORE, it is respectfully requested that the instant petition be granted and that the FM Table **of** Allotments, §73.202(b) be amended **as** requested herein.

Respectfully submitted,



Paul B. Christensen, Esq.

**LAW OFFICES of PAUL B. CHRISTENSEN, P.A**

3749 Southern Hills Drive

Jacksonville, Florida 32225

Office: (904) 379-7802

Facsimile: (904) 379-7803

attorney@broadcast.net

November 19, 2002

---

<sup>2</sup> See **revision of** FM Assignment Policies and Procedures, 90 FCC 2d 88 (1992)

## **TECHNICAL EXHIBIT**

IN SUPPORT OF  
PETITION FOR RULE MAKING  
NEW FM – CHANNEL 237C3  
KEY LARGO, FLORIDA

PAUL B. CHRISTENSEN  
PETITIONER

### **INTRODUCTION**

This Technical Exhibit supports the petition by Paul B. Christensen (hereinafter “Petitioner”), who **seeks** to amend the FM Table of Allotments, §73.202(b) of the Federal Communications Commission’s Rules, by allocating FM Channel 237C3 to Key Largo, Florida as that community’s second local FM aural service.

### **ALLOCATION**

A comprehensive engineering study was performed, utilizing the current FCC/NTIS database to determine the feasibility of allocating FM Channel 237C3 to Key Largo, Florida, subject to the §73.207(b) minimum distance requirements of the Commission’s Rules. The study incorporates all applicable co-channel, adjacent-channel, and intermediate-frequency separations. The results of the study indicate that FM Channel 237C3 may be allocated to Key Largo in full compliance with §73.207(b), provided that the transmission site is located between approximately three (3) kilometers to the northeast of *the* city’s geographical center and approximately nine (9) kilometers to *the* southwest of city’s geographical center.

Attached hereto as Exhibit A is an “area-to-locate” study for FM Channel 237C3. The Exhibit depicts the required protection contours from all relevant co-channel, adjacent channel, and intermediate-frequency-limited stations and allocations. As indicated, area exists immediately to the northeast and southwest of the community’s geographical center in which the proposed facilities may be located.

Assuming a maximum effective radiated power of twenty-five (25) Kilowatts and the installation of an omn-directional antenna placed at one-hundred (100) meters above average terrain, the proposed transmission facilities could be located within or immediately near the community while maintaining the requisite city-grade (70 dBu) coverage contour over the entire city, in full compliance with §73.315(a) and (b). Attached hereto and presented as Exhibit B is a graphical representation of a city-grade service contour from the Petitioner’s geographical reference coordinates, located within the permissible area-to-locate geographical area.

### **CONCLUSION**

As demonstrated herein, the proposed amendment to the FM Table of Allotments can be achieved in compliance with §73.207(b), and §73.315(a) and (b) and will not create a short-spacing condition to any existing station, pending application, or vacant allotment; nor will the amendment result in the reallocation of any station, pending application or vacant allotment.

# EXHIBIT A

## 73.207 Analysis

Job: KeyLargo.fmi

Master Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1:500000

Channel: 237 Class: C3

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km, Clearance: -0.5km

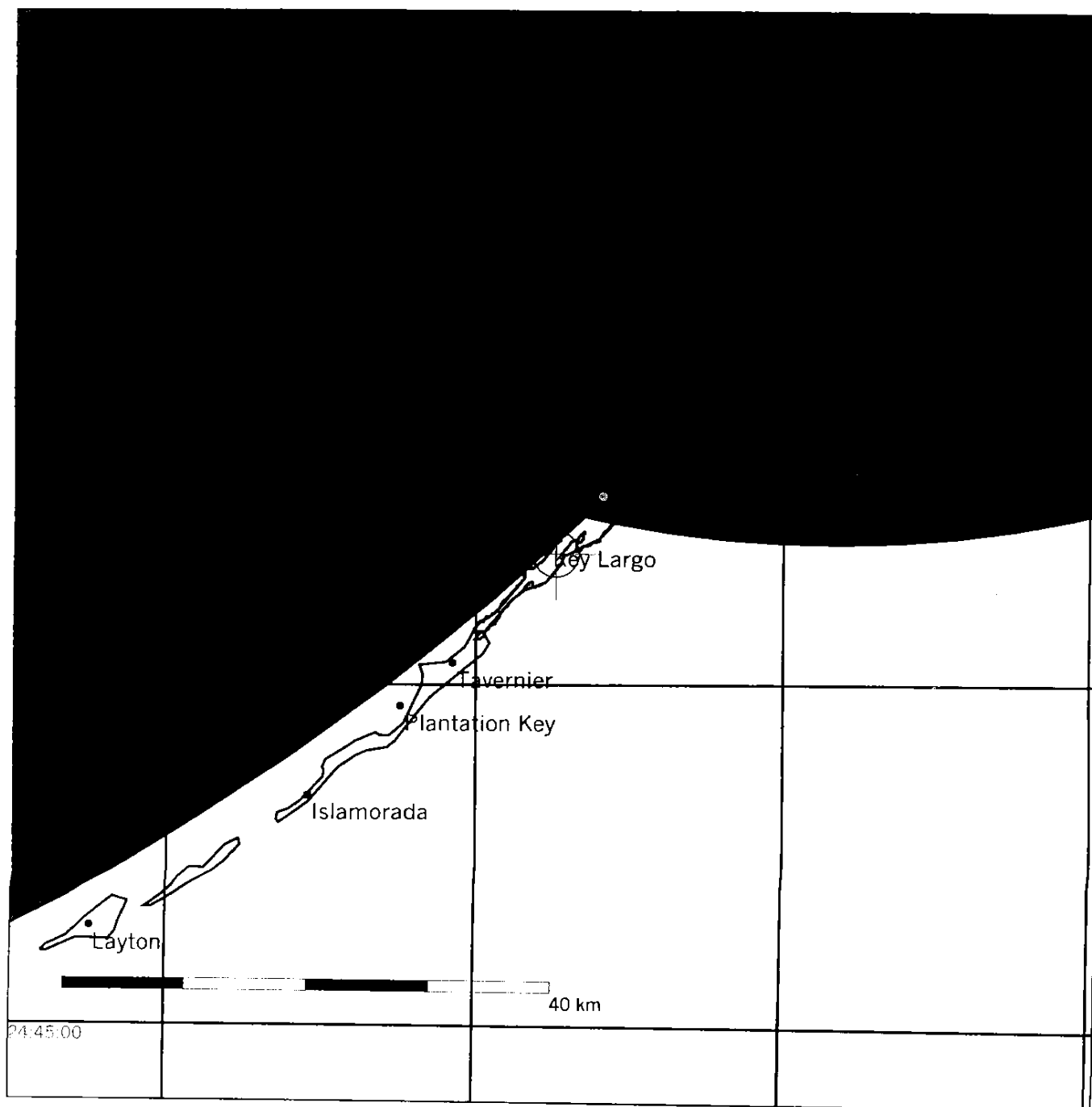
Comments: No Comments

Description:

Date: 11/18/02 1:39:23 PM

Key:  
Short

Clear



# EXHIBIT B

## Contour Analysis

Job: KeyLargo.fmi

Master Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1 1000000

Channel: 237 Class: C3

Status: Licensed, Consrmction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, LF, TV6

Ranee: 100 km, Clearance: -0.5km

Comments: No Comments

Description:

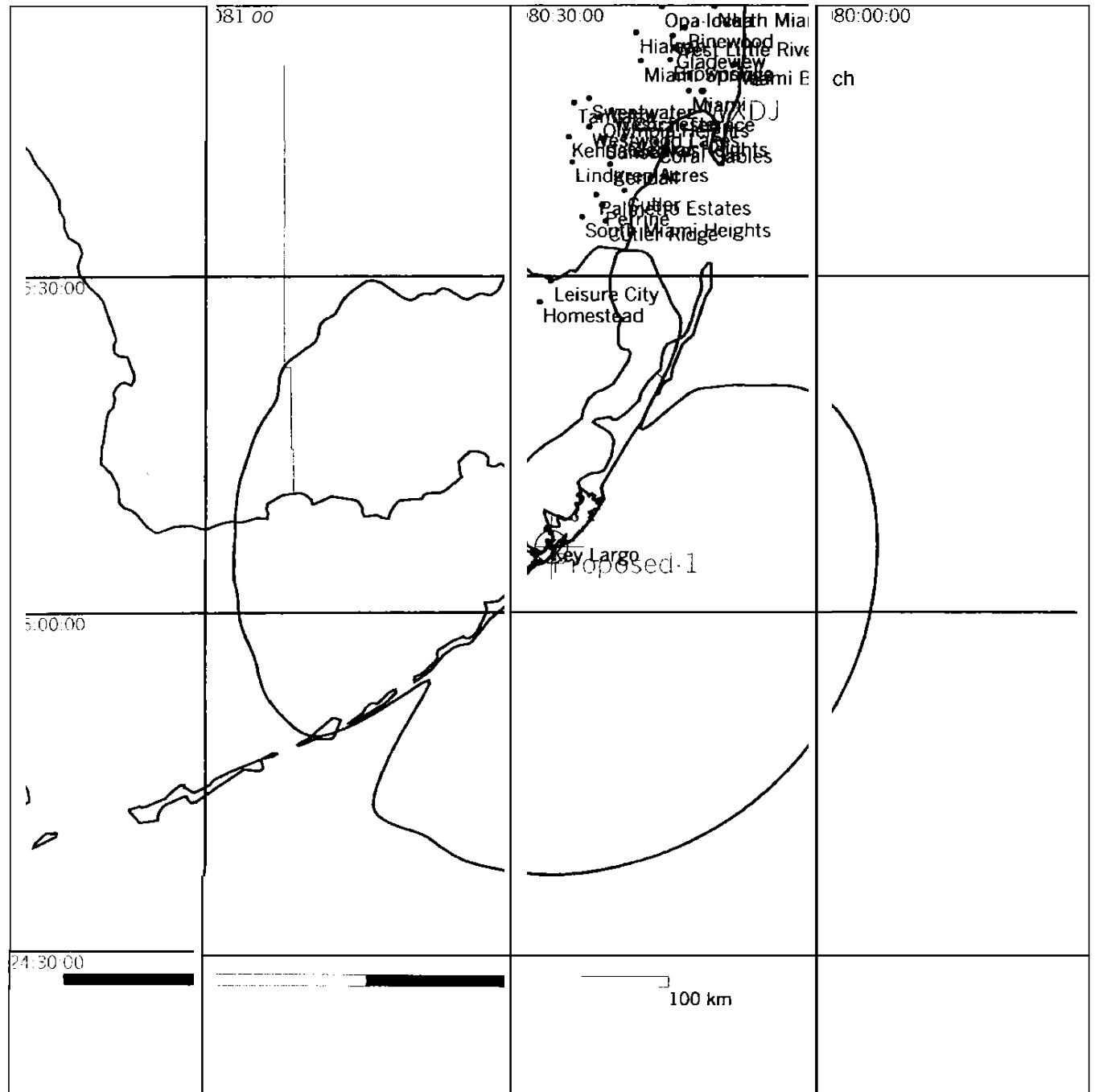
Date: 11/18/02 1:39:37 PM

Key:

NA

Protected

2nd 3rd Adj



**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of	)	
	)	
Amendment of §73.202(b),	)	MB Docket No. _____
Table of Allotments,	)	
FM Broadcast Stations.	)	
(Key Largo, Florida)	)	

To: Assistant Chief, Audio Division  
Media Bureau

**PETITION FOR RULE MAKING**

Pursuant to 47 C.F.R. 1.401, Paul B. Christensen (hereinafter "Petitioner") respectfully petitions the Federal Communications Commission to institute a Rule Making proceeding to amend the FM Table of Allotments to add Channel ~~Number~~ 237, Class C3 at Key Largo, Florida.

**Proposal by Petitioner:**

<u>City</u>	<u>Channel</u>	<u>Numbers</u>
	Present	<u>Proposed</u>
Key Largo, Florida	292C2	237C3, 292C2

**DISCUSSION**

Petitioner respectfully submits that the public interest would be ~~served~~ by allocating Channel 237C3 to Key Largo, Florida, as that community's second local aural FM transmission service. Key Largo, Florida ~~is~~ located in Monroe County and ~~has~~ a population of 11,886.<sup>1</sup>

The Community of Key Largo ~~supports~~ its own city government, police department, ~~fire~~ department, ~~post~~ office, public schools, local churches, a daily newspaper, and a ~~full~~ range ~~of~~ local businesses.

Attached hereto and made part ~~of~~ this petition is a Technical Exhibit in ~~support of~~ the requested allotment. ~~Based~~ on the information contained therein, it appears that the

---

<sup>1</sup> Census 2000, United States Department of Commerce, U.S. Census Bureau

requested channel could be allotted to Key Largo, Florida in full compliance with the minimum distance separation requirements of §73.207(b) of the Commission's rules, subject to the site restriction as specified in the attached Technical Exhibit.'

Reference Coordinates are:


25-05-50 North Latitude (NLAT)  
80-26-07 West Longitude (WLONG)

Should this petition be granted, and Channel 237C3 be allotted to Key Largo, Florida, Petitioner will apply for Channel 237C3 and after it is authorized, will promptly construct the new facility.

In accordance with Section 1.52 of the Commission's Rules and Regulations, I hereby certify that I have examined the foregoing Petition for Rule Making and the attached Technical Exhibit, and that both are true and correct to the best of my knowledge and belief

WHEREFORE, it is respectfully requested that the instant petition be granted and that the FM Table of Allotments, §73.202(b) be amended **as** requested herein.

Respectfully submitted,



Paul B. Christensen, Esq.  
LAW OFFICES of 'PAUL B. CHFUSTENSEN, P.A.  
3749 Southern Hills Drive  
Jacksonville, Florida 32225  
Office: (904) 379-7802  
Facsimile: (904) 379-7803  
attorney@broadcast.net

November 19, 2002

---

<sup>2</sup> See revision of FM Assignment Policies and Procedures, 90 FCC 2d 88 (1992)

## **TECHNICAL EXHIBIT**

IN SUPPORT OF  
PETITION FOR RULE MAKING  
NEW FM – CHANNEL 237C3  
KEY LARGO, FLORIDA

PAUL B. CHRISTENSEN  
PETITIONER

### **INTRODUCTION**

This Technical Exhibit supports the petition by Paul B. Chnstensen (hereinafter “Petitioner”), who seeks to amend the FM Table of Allotments, §73.202(b) of the Federal Communications Commission’s Rules, by allocating FM Channel 237C3 to Key Largo, Florida as that community’s second local FM aural service.

### **ALLOCATJON**

A comprehensive engineering study was performed, utilizing the current FCC/NTIS database to determine the feasibility of allocating FM Channel 237C3 to Key Largo, Florida, subject to the §73.207(b) minimum distance requirements of the Commission’s Rules. The study incorporates all applicable co-channel, adjacent-channel, and intermediate-frequency separations. The results of the study indicate that FM Channel 237C3 may be allocated to Key Largo in full compliance with §73.207(b), provided that the transmission site is located between approximately three (3) kilometers to the northeast of the city’s geographical center and approximately nine (9) kilometers to the southwest of city’s geographical center.



Attached hereto as Exhibit A is an “area-to-locate” study for FM Channel 237C3. The Exhibit depicts the required protection contours from all relevant co-channel, adjacent channel, and intermediate-frequency-limited stations and allocations. As indicated, area exists immediately to the northeast and southwest of the community’s geographical center in which the proposed facilities may be located.

Assuming a maximum effective radiated power of twenty-five (25) Kilowatts and the installation of an omni-directional antenna placed at one-hundred (100) meters above average terrain, the proposed transmission facilities could be located within or immediately near the community while maintaining the requisite city-grade (70 dBu) coverage contour over the entire city, in full compliance with §73.315(a) and (b). Attached hereto and presented as Exhibit B is a graphical representation of a city-grade service contour from the Petitioner’s geographical reference coordinates, located within the permissible area-to-locate geographical area.

### **CONCLUSION**

As demonstrated herein, the proposed amendment to the FM Table of Allotments can be achieved in compliance with §73.207(b), and §73.315(a) and (b) and will not create a short-spacing condition to any existing station, pending application, or vacant allotment; nor will the amendment result in the reallocation of any station, pending application or vacant allotment.

# EXHIBIT A

## 73.207 Analysis

Job: KeyLargo.fmj

Master Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1 500000

Channel: 237 Class: C3

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100km, Clearance: -0.5km

Comments: No Comments

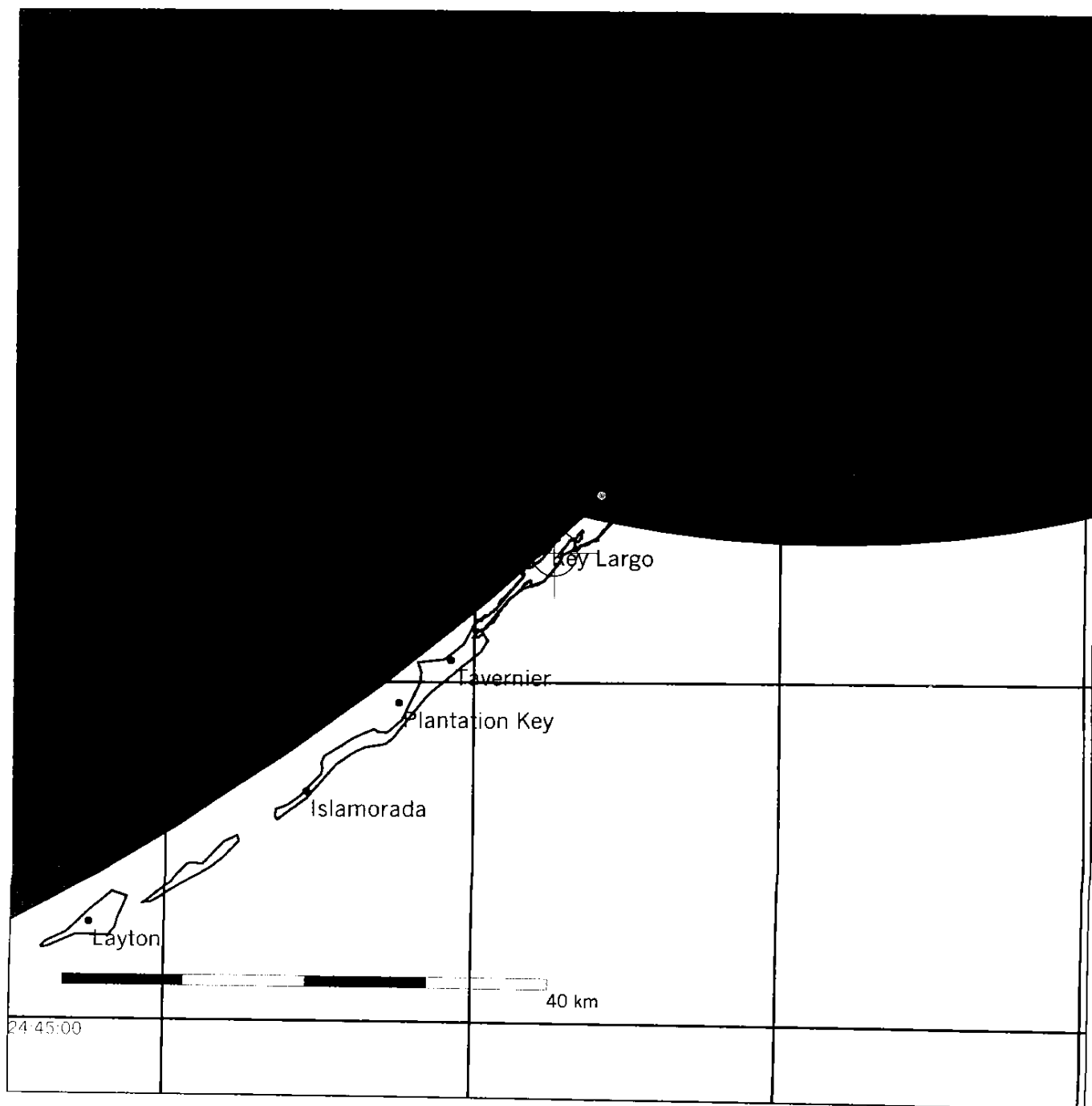
Description:

Date: 11/18/02 1:39:23 PM

Key:

Short

Clear



# EXHIBIT B

## Contour Analysis

Job: KeyLargo.fmi

Master Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1:1000000

Channel: 237 Class: C3

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km, Clearance: -0.5km

Comments: No Comments

Description:

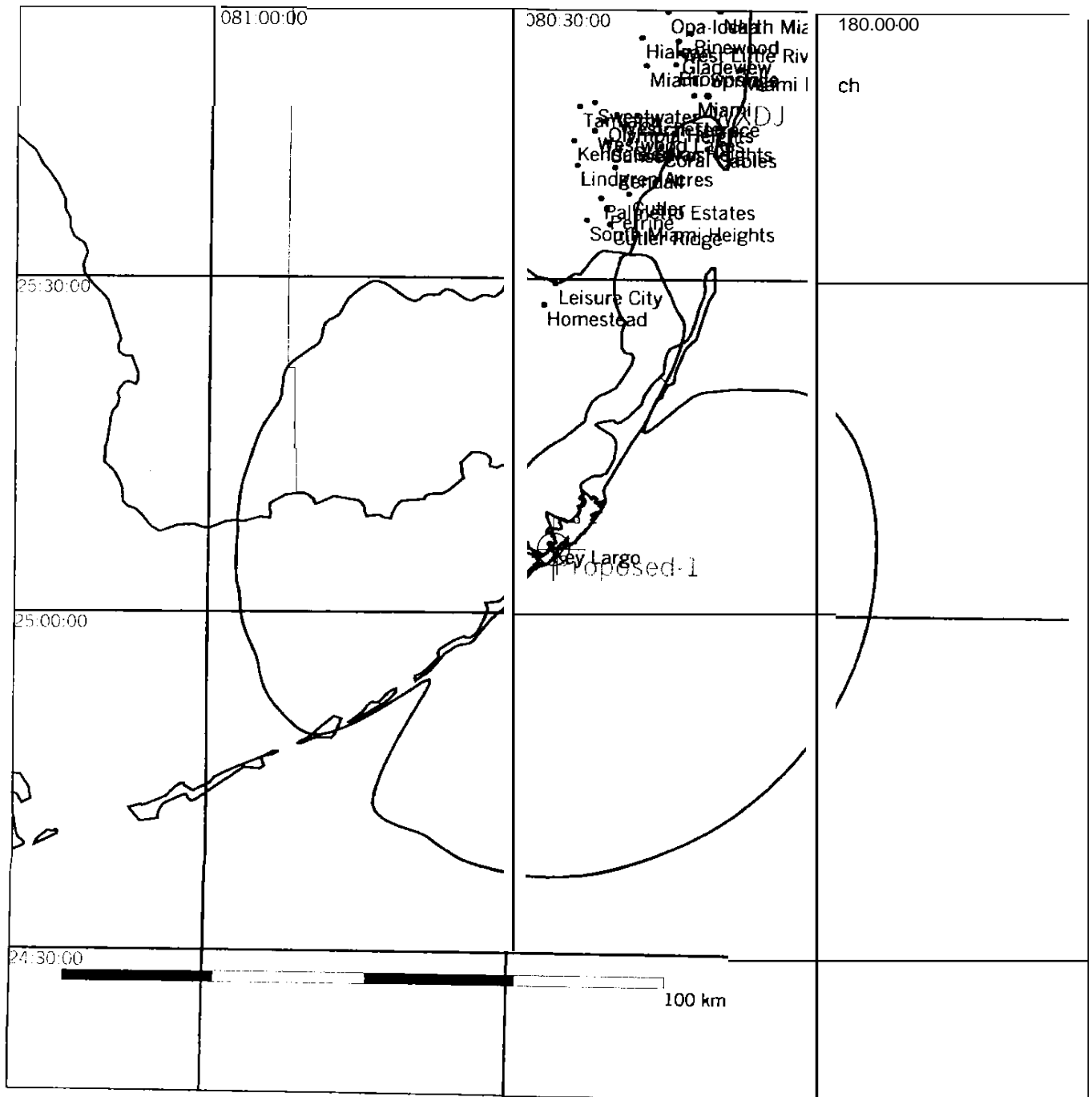
Date: 11/18/02 1:39:37 PM

Key

Sea

Protected

2nd/3rd Adj



**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of                    )  
  )  
Amendment of §73.202(b),        )  
Table ~~of~~ Allotments,            )  
FM Broadcast Stations.            )  
(Key Largo, Florida)            )

MB Docket No. \_\_\_\_\_

To:     Assistant Chief, Audio Division  
          Media Bureau

**PETITION FOR RULE MAKING**

Pursuant to 47 C.F.R. 1.401, **Paul B. Christensen** (hereinafter "Petitioner") respectfully petitions the Federal Communications Commission to institute a Rule Making proceeding to amend the FM Table of Allotments to add Channel Number 237, Class C3 at Key Largo, Florida.

**Proposal by Petitioner:**

<u>City</u>	<u>Channel Numbers</u>	
	<u>Present</u>	<u>Proposed</u>
Key Largo, Florida	292C2	237C3, 292C2

**DISCUSSION**

Petitioner respectfully submits that the public interest would be served by allocating Channel 237C3 to Key **Largo**, Florida, as that community's second local aural FM transmission service. Key Largo, Florida is located in Monroe County and has a population of **11,886.**<sup>1</sup>

The Community of Key Largo supports its own city government, police department, fire department, **post** office, public schools, local churches, a daily newspaper, and a full range of local businesses.

Attached hereto and made part of this petition is a Technical Exhibit in support of the requested allotment. Based on the information contained therein, it appears that the

---

<sup>1</sup> Census 2000, United States Department of Commerce, U.S. Census Bureau

requested channel could be allotted to Key Largo, Florida in **full** compliance with the minimum distance separation requirements of §73.207(b) of the Commission's rules, subject to the site restriction as specified in the attached Technical Exhibit.<sup>2</sup>

Reference Coordinates are:

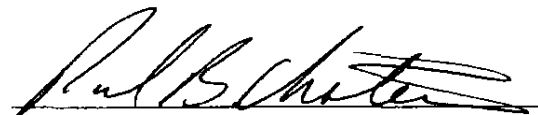
25-05-50 North Latitude (NLAT)  
80-26-07 West Longitude (WLONG)

Should this petition be granted, and Channel 237C3 be allotted to Key Largo, Florida, Petitioner will apply for Channel 237C3 and after it is authorized, will promptly construct the new facility.

In accordance with Section 1.52 of the Commission's Rules and Regulations, I hereby certify that I have examined the foregoing Petition for Rule **Making** and the attached Technical Exhibit, and that **both** are true and correct to the best of my knowledge and belief.

WHEREFORE, it is respectfully requested that the instant petition be granted and that the FM Table of Allotments, §73.202(b) be amended **as** requested herein.

Respectfully submitted,



Paul B. Christensen, Esq.

LAW OFFICES of PAUL B. CHRISTENSEN, P.A.

3749 Southern Hills Drive  
Jacksonville, Florida 32225  
Office: (904) 379-7802  
Facsimile: (904) 379-7803  
attorney@broadcast.net

November 19, 2002

---

<sup>2</sup> See revision of FM Assignment Policies **and** Procedures, 90 FCC 2d 88 (1992)

## **TECHNICAL EXHIBIT**

IN SWPORT OF  
PETITION FOR RULE MAKING  
NEW FM – CHANNEL 237C3  
KEY LARGO, FLORIDA

PAUL. B. CHRISTENSEN  
PETITIONER

### **INTRODUCTION**

This Technical Exhibit supports the petition by Paul B. Christensen (hereinafter “Petitioner”), who seeks to amend the FM Table of Allotments, §73.202(b) of the Federal Communications Commission’s Rules, by allocating FM Channel 237C3 to Key Largo, Florida as that community’s second local FM aural service.

### **ALLOCATION**

A comprehensive engineering study was performed, utilizing the current FCC/NTIS database to determine the feasibility of allocating FM Channel 237C3 to Key Largo, Florida, subject to the §73.207(b) minimum distance requirements of the Commission’s Rules. The study incorporates all applicable co-channel, adjacent-channel, and intermediate-frequency separations. The results of the study indicate that FM Channel 237C3 may be allocated to Key Largo in full compliance with §73.207(b), provided that the transmission site is located between approximately three (3) kilometers to the northeast of the city’s geographical center and approximately nine (9) kilometers to the southwest of city’s geographical center

Attached hereto as Exhibit A is an “area-to-locate” study for FM Channel 237C3. The Exhibit depicts the required protection contours from all relevant co-channel, adjacent channel, and intermediate-frequency-limited stations and allocations. **As** indicated, area exists immediately to the northeast and southwest of the community’s geographical center in which the proposed facilities may be located.

Assuming a maximum effective radiated power of twenty-five (25) Kilowatts and the installation of an omi-directional antenna placed at one-hundred (100) meters above average terrain, the proposed transmission facilities could be located within **or** immediately near the community while maintaining **the** requisite city-grade (70 dBu) coverage contour over the entire city, in full compliance with §73.315(a) and (b). Attached hereto and presented as Exhibit B is a graphical representation of a city-grade service contour from the Petitioner’s geographical reference coordinates, located within the permissible area-to-locate geographical area.

### **CONCLUSION**

**As** demonstrated herein, the proposed amendment to the FM Table of Allotments can be achieved in compliance with §73.207(b), and §73.315(a) and (b) and **will** not create a short-spacing condition to any existing station, pending application, or vacant allotment; nor will the amendment result in the reallocation of any station, pending application or vacant allotment.

## 73.207 Analysis

Job: KeyLargo.fmj

Master Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1:500000

Channel: 237 Class: C3

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km, Clearance: -0.5km

Comments: No Comments

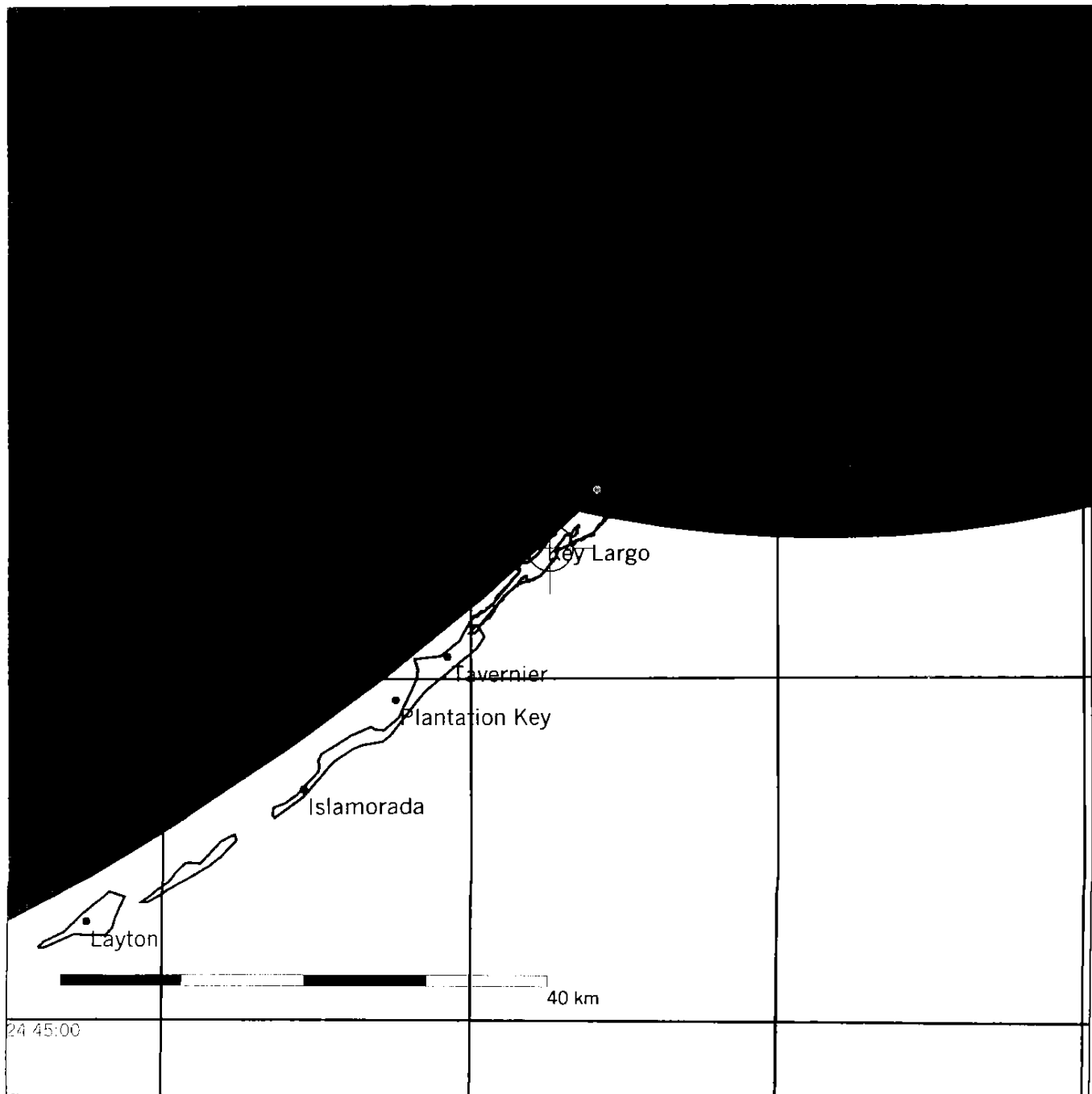
Description:

Date: 11/18/02 1:39:23 PM

Key:

Short

Clear





## Contour Analysis

lob: KeyLargo.fmj

Master Database:

Lat. N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1 : 1000000

Channel: 231 Class: C3

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km, Clearance: -0.5km

Comments: No Comments

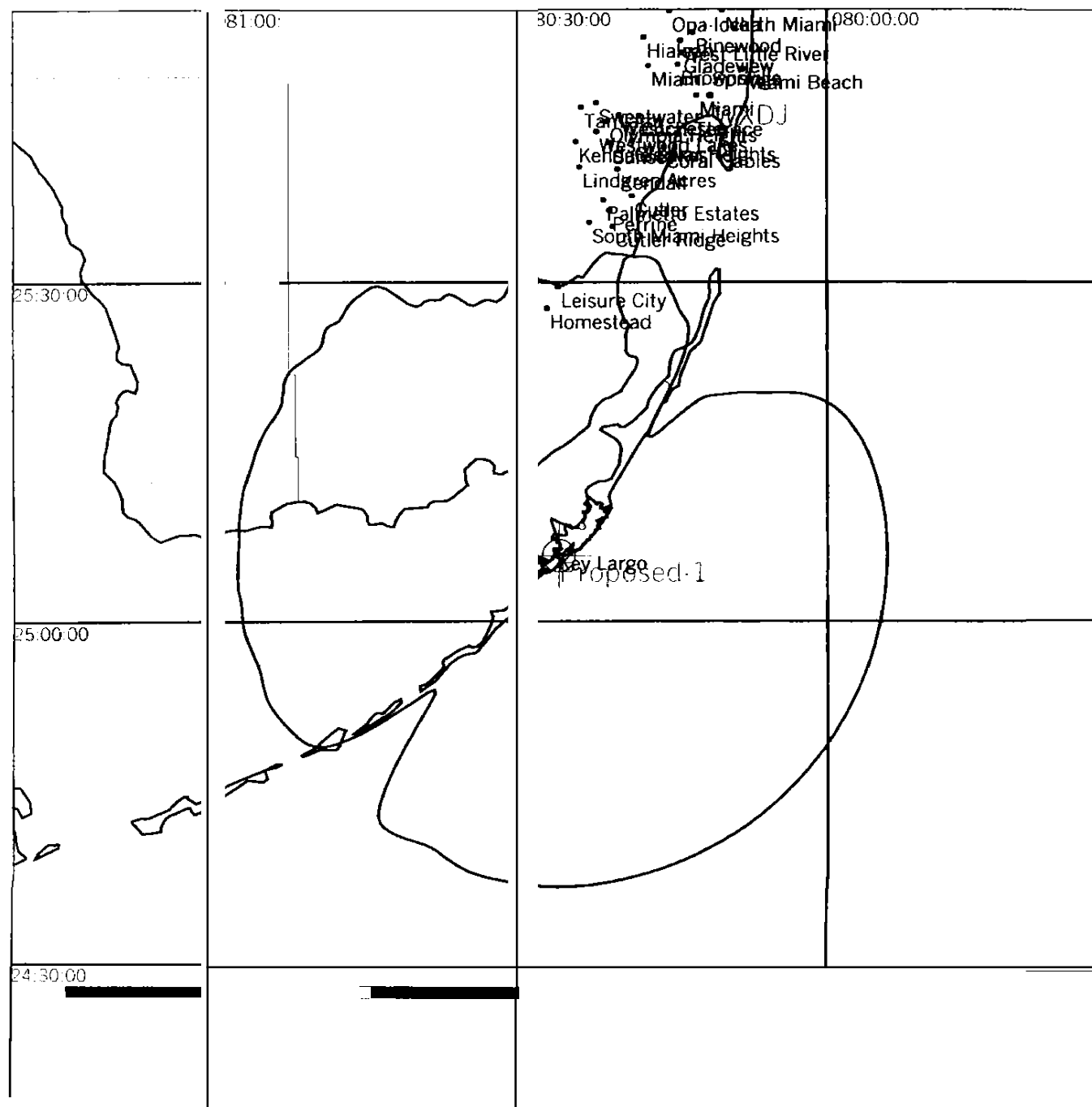
**Description:**

Date: 11/18/02 1:39:37 PM

Key:

2000

Noticed

$$2\text{nci } 3\text{rd Adj}$$


**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of	)	
	)	
Amendment of §73.202(b),	)	MB Docket No. _____
Table of Allotments,	)	
FM Broadcast Stations.	)	
(Key Largo, Florida)	)	

To: Assistant Chief, Audio Division  
Media Bureau

**PETITION FOR RULE MAKING**

Pursuant to 47 C.F.R. 1.401, Paul B. Christensen (hereinafter "Petitioner") respectfully petitions the Federal Communications Commission to institute a Rule Making proceeding to amend the FM Table of Allotments to add Channel Number 237, Class C3 at Key Largo, Florida.

**Proposal by Petitioner:**

<u>City</u>	<u>Channel Numbers</u>	
	Present	<u>Proposed</u>
Key Largo, Florida	292C2	237C3, 292C2

**DISCUSSION**

Petitioner respectfully submits that the public interest would be served by allocating Channel 237C3 to Key Largo, Florida, **as** that community's second local aural FM transmission service. Key Largo, Florida is located in Monroe County and **has** a population of 11,886.<sup>1</sup>

The Community of Key Largo supports its own city government, police department, fire department, **post** office, public schools, local churches, a daily newspaper, and a **full** range of local businesses.

Attached hereto **and** made part of this petition **is** a Technical Exhibit in support of the requested allotment. Based on the information contained therein, it appears that the

---

<sup>1</sup> Census 2000, United States Department of Commerce, U.S. Census Bureau

requested channel could be allotted to Key Largo, Florida in full compliance with the minimum distance separation requirements of §73.207(b) of the Commission's rules, subject to the site restriction as specified in the attached Technical Exhibit.<sup>2</sup>

Reference Coordinates are:

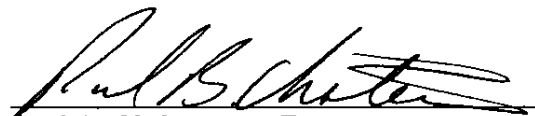
25-05-50 North Latitude (NLAT)  
80-26-07 West Longitude (WLONG)

Should this petition be granted, and Channel 237C3 be allotted to Key Largo, Florida, Petitioner will apply for Channel 237C3 and after it is authorized, will promptly construct the new facility.

In accordance with Section 1.52 of the Commission's Rules and Regulations, I hereby certify that I have examined the foregoing Petition for Rule Making and the attached Technical Exhibit, and that both are true and correct to the best of my knowledge and belief.

WHEREFORE, it is respectfully requested that the instant petition be granted **and** that the FM Table of Allotments, §73.202(b) be amended **as** requested herein.

Respectfully submitted,



Paul B. Christensen, Esq.  
LAW OFFICES of 'PAUL B. CHRISTENSEN, P.A.  
3749 Southern Hills Drive  
Jacksonville, Florida 32225  
Office: (904) 379-7802  
Facsimile: (904) 379-7803  
attorney@broadcast.net

November 19, 2002

---

<sup>2</sup> See revision of FM Assignment Policies and Procedures, 90 FCC 2d 88 (1992)

## **TECHNICAL EXHIBIT**

IN SUPPORT OF  
PETITION FOR RULE MAKING  
NEW FM – CHANNEL 237C3  
KEY LARGO, FLORIDA

PAUL B. CHRISTENSEN  
PETITIONER

### **INTRODUCTION**

This Technical Exhibit supports the petition by Paul B. Christensen (hereinafter “Petitioner”), who seeks to amend the FM Table of Allotments, §73.202(b) of the Federal Communications Commission’s Rules, by allocating FM Channel 237C3 to Key Largo, Florida as that community’s second local FM aural service.

### **ALLOCATION**

A comprehensive engineering study was performed, utilizing the current FCC/NTIS database to determine the feasibility of allocating FM Channel 237C3 to Key Largo, Florida, subject to the §73.207(b) minimum distance requirements of the Commission’s Rules. The study incorporates all applicable co-channel, adjacent-channel, and intermediate-frequency separations. The results of the study indicate that FM Channel 237C3 may be allocated to Key Largo in full compliance with §73.207(b), provided that the transmission site is located between approximately three (3) kilometers to the northeast of the city’s geographical center and approximately nine (9) kilometers to the southwest of city’s geographical center.

Attached hereto as Exhibit A is an “area-to-locate” study for FM Channel 237C3. The Exhibit depicts the required protection contours from **all** relevant co-channel, adjacent channel, and intermediate-frequency-limited stations and allocations. **As** indicated, area exists immediately to the northeast and southwest of the community’s geographical center in which the proposed facilities may be located.

Assuming a maximum effective radiated power of twenty-five (25) Kilowatts and the installation of an omni-directional antenna placed at one-hundred (100) meters above average terrain, the proposed transmission facilities could be located within or immediately near the community while maintaining the requisite city-grade (70 dBu) coverage contour over the entire city, in **full** compliance with §73.315(a) and (b). Attached hereto and presented as Exhibit B is a graphical representation of a city-grade service contour from the Petitioner’s geographical reference coordinates, located within the permissible area-to-locate geographical area.

### **CONCLUSION**

**As** demonstrated herein, the proposed amendment to the FM Table of Allotments can be achieved in compliance with §73.207(b), and §73.315(a) and (b) and will not create a short-spacing condition to any existing station, pending application, or vacant allotment; nor will the amendment result in the reallocation of any station, pending application or vacant allotment.

## 73.207 Analysis

Job: KeyLargo.fmj

Master Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1:500000

Channel: 237 Class: C3

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km, Clearance: -0.5km

Comments: No Comments

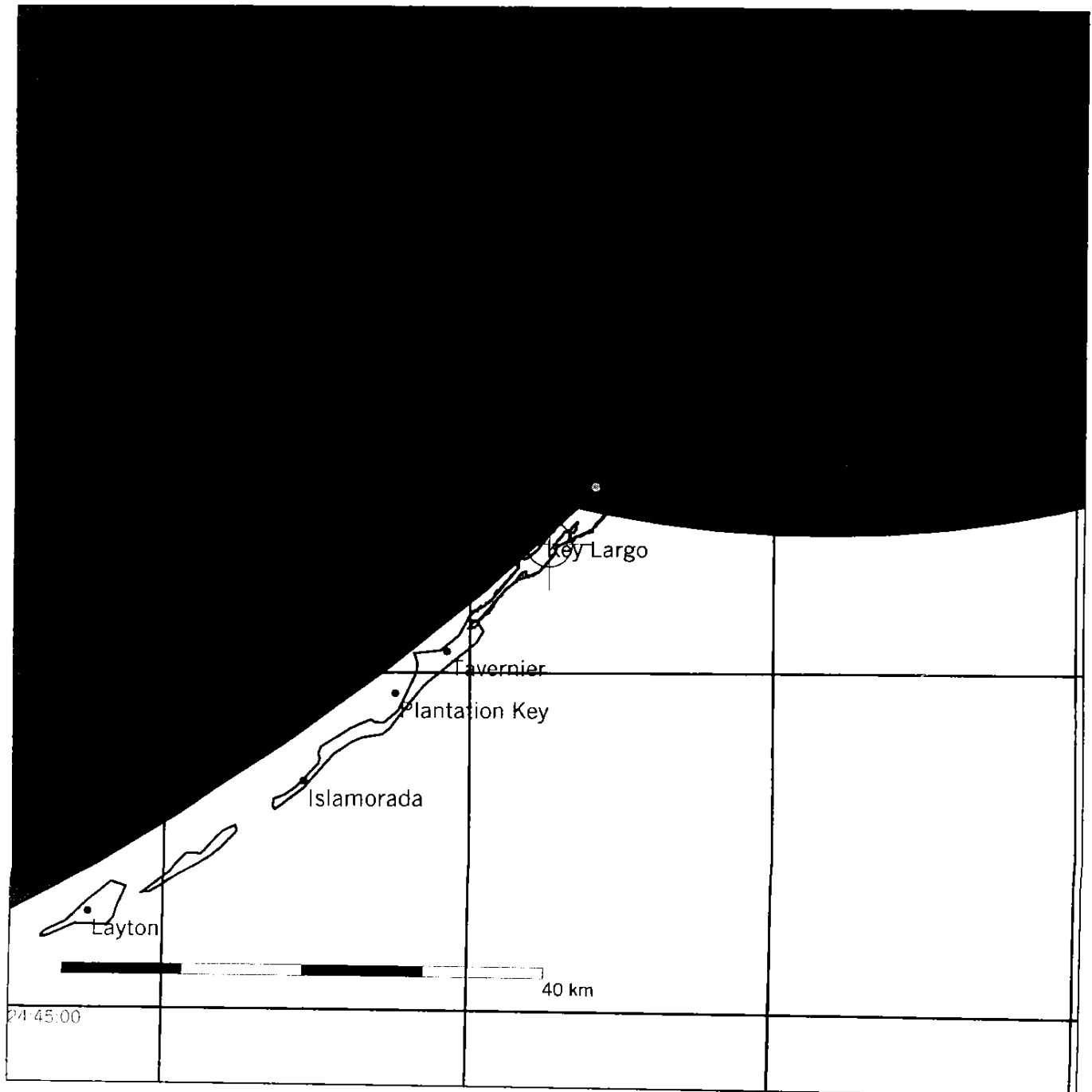
Description:

Date: 11/18/02 1:39:23 PM

Key:

Short

Clear



# EXHIBIT B

## Contour Analysis

Job: KeyLargo.fmj

Master Database:

Lat: N25:05:50 Lon: W080:26:07 NAD-83

Scale: 1:1000000

Channel: 237 Class: C3

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km, Clearance: -0.5km

Comments: No Comments

Description:

Date: 11/18/02 1:39:37 PM

Key:

Service  
Protected

2nd/3rd Adj

